

The listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims**

1.-48. (Canceled).

49. (New) A method comprising:

displaying a vertical scroll bar having a scroll thumb, the scroll bar having a plurality of segments, each segment being about the width of the scroll bar and indicating to a user a relative importance of associated locations of a file with respect to other locations in the file by scanning only in a vertical direction, wherein in order to navigate directly to a particular file location having a specific relative importance value, a user views only the plurality of segments in the scroll bar, identifies the visually distinctive segment corresponding to the specific relative importance value, and moves the scroll thumb only in a vertical direction directly to the visually distinctive segment.

50. (New) The method of claim 49, further comprising:

calculating the number of times a key word or phrase appears in the file;  
for each location of the file:

calculating the number of times the key word or phrase appears in the location; and

dividing the number of times the key word or phrase appears in the location by the number of times a key word or phrase appears in the file to arrive at a percentage indicating relative relevance for the location.

51. (New) The method of claim 49, wherein the segments are displayed using a different color for different levels of relative importance.

52. (New) The method of claim 49, wherein the segments are displayed using a different intensity for different levels of relative importance.

53. (New) The method of claim 49, wherein the segments are displayed using a different transparency setting for different levels of relative importance.

54. (New) A method comprising:  
identifying locations of interest within a file;  
calculating a relevance for each of the locations of interest relative to each other;  
displaying a content window containing a section of the file;  
displaying a vertical scroll bar having a scroll thumb movable vertically in the scroll bar;  
displaying location objects within the scroll bar, wherein the location objects each are about the width of the scroll bar and can be scanned by a user in a vertical direction to determine the relative importance of the corresponding locations of interest, such that, when the scroll thumb is manipulated to one of the location objects, the section of the file displayed in the content window changes to a section corresponding to the one of the location objects within the scroll bar.

55. (New) The method of claim 54, wherein the locations of interest are identified based on keyword matches.

56. (New) The method of claim 54, wherein the locations of interest identify one or more errors in the file.

57. (New) The method of claim 54, wherein the locations of interest identify one or more warnings in the file.

58. (New) A graphical user interface comprising:  
a content display window, wherein the content display window shows content from a file;  
a vertical scroll bar, wherein the scroll bar contains a scroll thumb and a plurality of location objects, wherein the location objects each are about the width of the scroll bar and correspond to locations of interest within the file and indicate relative importance of the corresponding locations of interest in comparison to other locations in the file through the use of varying display criteria for location objects based on relative relevance of the corresponding locations of interest.

59. (New) The graphical user interface of claim 58, wherein the location objects are uniform horizontal lines within the vertical scroll bar.

60. (New) The graphical user interface of claim 58, wherein the display criteria for a particular location object is varied based on a non-linear function applied to the relative importance of the corresponding location of interest.

61. (New) The graphical user interface of claim 58, wherein the display criteria are user-configurable.

62. (New) An apparatus, comprising:

a display;

a file storage storing a file; and

a processor configured to:

identify locations of interest within the file; and

cause the display to display a scroll bar having a scroll thumb and a plurality of location objects, wherein each location object is about the width of the scroll bar and corresponds to an identified location of interest within the file, wherein each location object indicates the relative importance of the corresponding identified location of interest to a user without the user needing to scan in any direction other than along the scroll bar.

63. (New) The apparatus of claim 62, wherein the processor is further configured to:  
cause the display to display a background display criteria in areas of the scroll bar that do not have a location object or a scroll thumb.

64. (New) The apparatus of claim 62, wherein the file is a text file.

65. (New) The apparatus of claim 62, wherein the relative importance of the locations of interest are normalized prior to determining the display criteria to display when displaying the location objects corresponding to the locations of interest.

66. (New) A computer readable storage medium storing executable computer code for using a scroll bar appearance to directly display file information, wherein the computer readable storage medium comprises:

executable computer code for obtaining one or more location criteria to identify a plurality of desired locations in the file;

executable computer code for identifying one or more scroll bar display criteria for changing the appearance of location objects within the scroll bar to designate the plurality of desired locations in the file, wherein each location object is about the width of the scroll bar and wherein the change of appearance of the location objects is based upon a relative importance of the desired locations with respect to each other;

executable computer code for locating the plurality of desired locations in the file according to the one or more location criteria; and

executable computer code for determining the relative importance of each one of the plurality of desired locations in the file with respect to each other.

67. (New) The computer readable storage medium of claim 66, further comprising:  
executable computer code for obtaining one or more user-defined parameters to which to apply to the display criteria.

68. (New) The computer readable storage medium of claim 66, wherein the display criteria distinguish between relative importance levels at the pixel level.

69. (New) The computer readable storage medium of claim 66, wherein the display criteria distinguish between relative importance levels at the sub-pixel level.